

**CLAIMS**

1. Combined pharmaceutical preparation containing G-CSF and PlGF as the active substances, for use in the mobilization of blood stem cells in a patient or subject in need thereof.
2. Combined preparation according to claim 1, wherein G-CSF and PlGF are simultaneously or separately administered to said patient or subject.
3. Combined preparation according to claims 1-2, for parenteral administration.
4. Combined preparation according to claims 1-3, containing recombinant hG-CSF and rhPlGF.
5. Combined preparation according to claims 1-4, containing from 1 to 150 µg/kg G-CSF and from 10 to 300 µg/kg PlGF.
6. Use of a combination of G-CSF and PlGF in the manufacture of a pharmaceutical composition for the treatment of states, conditions or diseases that require the mobilization of blood stem cells.
7. Use according to claim 6, in the manufacture of a parenteral composition.
8. Use according to claim 6 of a combination of recombinant hG-CSF and rhPlGF.
9. Use according to claim 6, wherein said states, conditions or diseases include organ or cell transplantation and tumor chemo-radiotherapy, in particular autologous or allogeneic stem cell transplantation in patients with non-Hodgkin lymphoma (NHL), relapsed Hodgkin lymphoma (HL), multiple myeloma, or the recovery phase following myelosuppressive chemotherapy.
10. Use according to claim 6, wherein the pharmaceutical composition provides a daily amount of 10 µg/kg G-CSF and of 130 µg/kg PlGF.